

In the Specification:

Please amend the first paragraph entitled Cross Reference to Related Applications to read as follows:

A1
This application is a continuation of U.S. Application No. 09/637,751, filed August 11, 2000, which application is a continuation-in-part of U.S. Application No. 09/544,713, filed April 6, 2000, which claims the benefit of U.S. Provisional Application No. 60/148,870, filed August 13, 1999, by Paul M. Lizardi and Darin R. Latimer, entitled "Analysis of Sequence Tags With Hairpin Primers", which applications are hereby incorporated herein in their entirety by reference.

Please rewrite the paragraph on page 8, lines 2-4, as follows.

A2
Figures 1A, 1B, and 1C are a listing of examples of ligator-detectors (numbered sequences) designated for use with one of two example adaptor-indexers (Figure 1A, top). The sticky end sequences (or their complements) are shown in bold.

In the Claims

Please cancel claims 2-116, 118-120, and 122-125 without prejudice.

Please rewrite the following claims.